

ABSTRACT

5 MORAXELLA BOVIS CYTOTOXIN, CYTOTOXIN GENE,
 ANTIBODIES AND VACCINES FOR PREVENTION
 AND TREATMENT OF MORAXELLA BOVIS INFECTIONS

10 *Moraxella bovis* cytotoxin and a gene encoding *Moraxella*
 bovis cytotoxin. Identification, isolation, cloning and
 identification of nucleotide sequence of the *Moraxella bovis*
 genes *mbxA*, *mbxB*, *mbxC* and *mbxD*, partial purification of the
 native cytotoxin, preparation of partially purified native and
 a recombinant *Moraxella bovis* cytotoxin, identification of an
 amino acid sequence of the cytotoxin, preparation of antibodies
15 against the *Moraxella bovis* cytotoxin, preparation of vaccines
 against *Moraxella bovis*. Method for prevention and treatment
 of infectious bovine keratoconjunctivitis caused by *Moraxella*
 bovis.